



Order No.: DD+DIS071.02E



1 piece UXWHS MA1

ADC Compact

Type 5145 / 100/101/140

Path Speed CR MP3010

Type 5145 / 200/201/240

Rating			When?		
safety relevant	reliability	new function	immediately	next service	as required
	X			X	

Please file this document in section 13 of your technical documentation

Device Software COP_1312 available now



Installation of COP_1312 is a MUST - modification. A modified stand-by behavior of the galvanometer extends its life time up to 200%.

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1 General Information



The fast Preview (Precheck) function has to be disabled. Refer to FSB No. 49, DD+DIS266.01E for detailed information.

1.1 Order number

CM+9.5145.1050.7

1.2 Scope of delivery

1 x hard disk formatter floppy disk
3 x application floppy disks
1 x empty floppy
1 x documentation DD+DIS068.02E

2 What is new in COP_1312?

- Fast unclamping of small and medium sized cassettes.
- Reclamping of cassettes in input cassette unit before rotation, if cassette detection switch is free.
- New Service Menu Entry for Replacement of complete scanner to install all necessary parameters for a complete scanner:
Service -> Install from Floppy -> 11 Complete Scanner.
- Higher Tasks Priority for Transport Prescan Tasks.
The task priorities for TPR tasks is set to 15, a higher priority than the network driver has, to solve problems in IP-Handling.
- Modified Stand-By Behavior of the Galvanometer for a Longer Lifetime
The galvanometer is now set to amplitude 0 immediately after scan to prolong its lifetime.
The power for the galvanometer control unit is switched off after one hour stand-by, as before.
- Module Working Time in Info Counters:
The working time of the laser tube and photomultiplier as well as the working cycles of the galvanometer are stored in the info counters now.
The date of the first entry is stored as well.
At replacement of one of these parts, the referring counter is reset and its old value written to the hardware replacement history.
- Improved Algorithm for Compensation of I/V Converter Signal
The compensation of the I/V converter offset was improved. Now there is one additional iteration step and the previously calculated value is taken into account (same as ADCC+).
The limit for generating the warning 20C46 was increased from $\pm 10\text{mV}$ to $\pm 20\text{mV}$.

- Added Test Function for Error 203D7
Added item "Test HT DAC+ADC on SCB" to SCNTST "Scanner test functions" menu. This allows to better test scan control boards in production for problems with the high tension setting, which sporadically produce the error 203D7.

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Device Software COP_1312 available on MedNet

Device Software COP_1312 can be downloaded from MedNet as follows:

- (1) Open your browser and go to the MedNet CSO Library
- (2) Select
 Computed Radiology
 ADC Compact
 CSO Freeware
- (3) Select
 Device software COP_1312
- (4) Download the attachment file COP1312.zip
- (5) Unzip COP1312.zip
- (6) Copy the following directories to one floppy each and label them as described:

Disk name:	Label name:
COP1312	
disk1	→ COP1312_1_3
disk2	→ COP1312_2_3
disk3	→ COP1312_3_3
harddisk formatter	- no label name -



How to label a floppy disk:

1. Insert floppy and select floppy drive in Explorer
2. Click right mouse button and select Properties
3. Select tab General and enter required label name